Contrast Sensors are IO-Link Compatible

Pepperl+Fuchs introduced its DK12-11-IO Series Contrast Sensors which detect differences in two colors of media, with a three-color light source that is asserted to solve the most difficult contrast applications. These sensors are IO-Link compatible, enabling them to provide enhanced configuration options, visibility of the sensor's color evaluation and a deeper level of control than is attainable with conventional contrast sensors. Additionally, these sensors include the company's 4-in-1 featurethat delivers four output options from a single sensor. DK12-11-IO with IO-Link offers customizable and highly visible diagnostic LEDs, the ability to invert the output state and disable the adjustment potentiometer for tamperproof requirements, and logging the output.

DK12-11-IO contrast sensors with RGB (red/green/blue) LEDs are especially well-equipped to detect contrasts of yellow colors; a weakness of competitive contrast models that use white LEDs. Even if the contrast to be detected is not yellow, the level of configuration and control that is possible using IO-Link makes the DK12-11-IO the most powerful contrast sensor on the market.

These UL and cUL listed contrast sensors have a rugged, metal-framed housing with a connector that swivels for easy mounting in space-restrictive applications. They offer static and dynamic teach modes, in addition to manual and remote teach methods, in a single housing. They have no color jitter, as the light spots from the three color LEDs are lined in a row for positional accuracy.

Pepperl+Fuchs
330-425-3555, www.pepperl-fuchs.com [1]

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